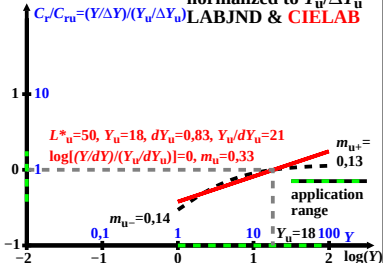


$$\log [(Y/\Delta Y) / (Y_u/\Delta Y_u)]$$

**CIE Y contrast
normalized to $Y_u/\Delta Y_u$**

$C_F/C_{Fu}=(Y/\Delta Y)/(Y_u/\Delta Y_u)$ LABJND & CIELAB


$$L^*_u=50, Y_u=18, dY_u=0,83, Y_u/dY_u=21$$
$$\log[(Y/dY)/(Y_u/dY_u)]=0, \quad m_u=0,33$$
$$m_{u+} = 0.13$$

**application
range**

$$m_{\pi^+} = 0,14$$
$$Y_u = 18 \cdot 100 \text{ y}$$

EE321-8A